

WHAT IS CLAIMED IS:

1. An apparatus for transmitting a signal of a moving image in a mobile communication terminal capable of reproducing the moving image, the 5 apparatus comprising:

an input section for generating signals for capturing and transmitting a moving image signal which is being reproduced;

a control section for generating, according to the signals generated by the input section, a command signal for capture and transmission of the moving 10 image signal which is being reproduced, the control section controlling the moving image signal to be displayed and simultaneously the displayed image to be captured and transmitted;

a memory for storing the image captured according to a capture command generated by the control section; and

15 a transmission section for transmitting the captured image stored in the memory.

2. An apparatus as claimed in claim 1, wherein the captured image includes still image data.

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3. An apparatus as claimed in claim 1, wherein the captured image includes moving image data.

4. An apparatus as claimed in claim 1, further comprising a file 25 compressor for compressing the captured image.

5. An apparatus as claimed in claim 2, wherein the file compressor compresses the still image data in one selected from the group of extensions consisting of Joint Photographic Experts Group (JPEG), BitMap (BMP), 30 Graphics Interchange Format (GIF), Picture Image Compression (PIC), Tag

Image File Format (TIFF), Portable Document Format (PDF), and Extension Post Script graphics (EPS) formats.

6. An apparatus as claimed in claim 3, wherein the file compressor
5 compresses the moving image data in one selected from the group of extensions
consisting of Moving Pictures Expert Group (MPEG), Advanced Streaming
Format file (ASF), Advanced Streaming Redirect file (ASX), AVI, Data file for
video CD MPEG movie (DAT), Animator Animation (FLI), Animator Animation
most recent version of FLI format (FLC), Apple QuickTime Movie (MOV),
10 MPEG Movie (MPG), Real Audio (RA), Real Media (RAM), Real Media (RM),
MPEG layer 2 movie (VOB), and Vivo Active Movies (VIV) formats.

7. An apparatus as claimed in claim 1, further comprising an image
converter for converting a video image size of the captured image.

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8. An apparatus as claimed in claim 7, wherein the converted image
size is one of dimensions including 128×112 dots and 128×96 dots.

9. An apparatus as claimed in claim 1, wherein the transmission
20 section transmits a captured image, which is stored in the memory, by a phone-
to-phone method.

10. An apparatus as claimed in claim 1, wherein the transmission
section transmits a captured image, which is stored in the memory, together with
25 an email.

11. An apparatus as claimed in claim 1, further comprising a display
section which includes a first display area for video-processing and displaying
the moving image signal and a second display area for displaying a user function
30 selection menu in such a manner that the menu can be selected by the input

section.

12. A method for transmitting a signal of a moving image in a mobile communication terminal capable of reproducing the moving image, the 5 method comprising the steps of:

video-processing and reproducing the moving image signal;
capturing an image which is being reproduced; and
transmitting the captured image.

10 13. A method as claimed in claim 12, wherein the step of reproducing the moving image signal is performed simultaneously with the steps of capturing and transmitting the image.

14. A method as claimed in claim 12, wherein the captured image 15 includes still image data.

15. A method as claimed in claim 12, wherein the captured image includes moving image data.

20 16. A method as claimed in claim 12, further comprising a step of storing the captured image in a memory after the step of capturing the image.

17. A method as claimed in claim 12, further comprising a step of compressing the captured image after the step of capturing the image.

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18. A method as claimed in claim 12, wherein the file compression is performed in one selected from the group of extensions consisting of Joint Photographic Experts Group (JPEG), BitMap (BMP), Graphics Interchange Format (GIF), Picture Image Compression (PIC), Tag Image File Format (TIFF), 30 Portable Document Format (PDF), and Extension Post Script graphics (EPS)

formats.

19. A method as claimed in claim 15, wherein the file compression is performed in one selected from the group of extensions consisting of Moving Pictures Expert Group (MPEG), Advanced Streaming Format file (ASF), Advanced Streaming Redirect file (ASX), AVI, Data file for video CD MPEG movie (DAT), Animator Animation (FLI), Animator Animation most recent version of FLI format (FLC), Apple QuickTime Movie (MOV), MPEG Movie (MPG), Real Audio (RA), Real Media (RAM), Real Media (RM), MPEG layer 2 movie (VOB), and Vivo Active Movies (VIV) formats.

20. A method as claimed in claim 12, further comprising a step of converting the size of the captured image after the step of capturing the image.

15 21. A method as claimed in claim 20, wherein the converted image size is one of dimensions including 128×112 dots and 128×96 dots.

22. A method as claimed in claim 12, wherein the captured image is transmitted by a phone-to-phone method.

20 23. A method as claimed in claim 12, wherein the captured image is transmitted together with an email.

24. A method as claimed in claim 12, wherein the display step is performed in such a manner that the moving image signal, which is being reproduced, is video-processed and displayed in a first display area of a display section in a mobile communication terminal and a user function selection menu is displayed in a second display area so as to enable the menu to be selected by the input section.

25. An apparatus for transmitting a television signal in a mobile communication terminal capable of receiving the television signal, the apparatus comprising:

an input section for generating signals for capturing and transmitting a 5 received television signal;

a control section for generating, according to the signals generated by the input section, a command signal for capture and transmission of the received television signal, the control section controlling the received television signal to be displayed and simultaneously the displayed image to be captured and 10 transmitted;

a memory for storing the television signal captured according to a capture command generated by the control section; and

a transmission section for transmitting the captured image stored in the memory.

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26. A method for transmitting a television signal in a mobile communication terminal capable of receiving the television signal, the method comprising the steps of:

video-processing and displaying the received television signal;
20 capturing the displayed image; and
transmitting the captured image.

27. A method for transmitting a television signal in a mobile communication terminal capable of receiving the television signal, the method 25 comprising the steps of:

video-processing and displaying the received television signal;
capturing a still image of the displayed image; and
transmitting the captured still image.

30 28. A method for transmitting a television signal in a mobile

communication terminal capable of receiving the television signal, the method comprising the steps of:

video-processing and displaying the received television signal;
capturing a moving image for a capture time according to a capture start
5 command and a capture end command of the displayed moving image; and
transmitting the captured moving image.

29. An apparatus as claimed in claim 4, wherein the file compressor compresses the still image data in one selected from the group of extensions
10 consisting of Joint Photographic Experts Group (JPEG), BitMap (BMP), Graphics Interchange Format (GIF), Picture Image Compression (PIC), Tag Image File Format (TIFF), Portable Document Format (PDF), and Extension Post Script graphics (EPS) formats.

15 30. An apparatus as claimed in claim 4, wherein the file compressor compresses the moving image data in one selected from the group of extensions consisting of Moving Pictures Expert Group (MPEG), Advanced Streaming Format file (ASF), Advanced Streaming Redirect file (ASX), AVI, Data file for video CD MPEG movie (DAT), Animator Animation (FLI), Animator Animation
20 most recent version of FLI format (FLC), Apple QuickTime Movie (MOV), MPEG Movie (MPG), Real Audio (RA), Real Media (RAM), Real Media (RM), MPEG layer 2 movie (VOB), and Vivo Active Movies (VIV) formats.

31. A method as claimed in claim 17, wherein the file compression is
25 performed in one selected from the group of extensions consisting of Joint Photographic Experts Group (JPEG), BitMap (BMP), Graphics Interchange Format (GIF), Picture Image Compression (PIC), Tag Image File Format (TIFF), Portable Document Format (PDF), and Extension Post Script graphics (EPS) formats.

32. A method as claimed in claim 17, wherein the file compression is performed in one selected from the group of extensions consisting of Moving Pictures Expert Group (MPEG), Advanced Streaming Format file (ASF), Advanced Streaming Redirect file (ASX), AVI, Data file for video CD MPEG 5 movie (DAT), Animator Animation (FLI), Animator Animation most recent version of FLI format (FLC), Apple QuickTime Movie (MOV), MPEG Movie (MPG), Real Audio (RA), Real Media (RAM), Real Media (RM), MPEG layer 2 movie (VOB), and Vivo Active Movies (VIV) formats.